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| **Testing** | **White Box Testing** | **Black Box Testing** | **Technique**  **used** |
| **Unit Testing** | Unit Testing done individually by developer in Code. Unit Testing is done in :  (Login, Profile Page, Research\_pub , Alumni, Co-curricular, PDF report, overview, Gmail login )  Done By : RitikaBarethia , Sweta Rathore, Shubham Neema , Vikas Chouhan. | Unit Testing done individually by developer by giving input and validate output. Unit Testing is done in :  (Login, Profile Page, Research\_pub , Alumni, Co-curricular, PDF report, overview, Gmail login )  Done By : Ritika Barethia , Sweta Rathore , Shubham Neema , Vikas Chouhan. | 1. Equivalence Partition. 2. Statement Coverage. 3. Code Coverage. 4. Data Flow 5. Path coverage |
| **Integration Testing** | Integration testing done by Integrating all different modules(Profile Page, Researchpub , Co-curricular , pdf report, overview) by reviewing Code. | Integration testing done by Integrating all different modules(Profile Page, Research\_pub , Co-curricular , pdf report, overview) by giving valid and invalid inputs and corresponding its validate output. | **(Approaches)**   1. Top Down. |
| **System Testing** | System Testing done by validating the all modules by verifying the code. | System Testing done by validating the all modules by giving valid and invalid inputs and corresponding its validate output.. | **Verified**  1. Functional   1. Non functional Requirement |
| **Regression**  **Testing** | Regression Testing is done by validating all the module by code to see the side effects if any.  (Automation testing By Sweta Rathore) | Regression Testing is done by giving valid input and verify output to verify any side effect if required.  (Automation testing By Sweta Rathore) | **Tools Used:**  Selenium Scripts.  Test Data.  Test Cases Execution. |
| **Acceptance Testing** | Acceptance Testing is done by reviewing it to Users. | Acceptance Testing is done by reviewing it to Users by valid and invalid inputs to verify valid output. | By reviewing System to Users manually filling the form. |